Index of Claims

| Application | /Control | No. |
|--------------------|----------|-----|
|--------------------|----------|-----|

09/686,997

Examiner

Shengjun Wang

Applicant(s)/Patent under Reexamination

DE LACHARRIERE ET AL.

Art Unit

1617

Rejected **Allowed**

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Cla | im | Date | | | | | | | | | |
|-------|--|-----------|--|----------|--|-------------------------------------|----------|----------|----------|--|---|
| Final | Original | 3/1/0 | | | | | | | | | |
| | 1 | | T | Г | | | | | | | ١ |
| | 2 | | | | | | | | Т | | 1 |
| | 3 | | | Г | | | | | | | 1 |
| | 4 | | | | | | | | | | 1 |
| | 5 | | | | | | | | | | ١ |
| | 1 2 3 4 5 6 | | Г | Π | | | | | | | 1 |
| | 7 | | | | | | | | | |] |
| | 8 | | | L | | | | | | |] |
| | 9 | | | | | | | | | |] |
| | 10 | | | | _ | | | | | | l |
| | 11 | Ш. | | | L | | | | <u> </u> | | 1 |
| | 12 | \succeq | <u></u> | _ | | | | <u> </u> | L | | 1 |
| | 13 | V | _ | <u> </u> | _ | _ | | | | | 1 |
| | 14 | | $oxed{oxed}$ | <u> </u> | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | L. | <u> </u> | <u> </u> | 1 |
| | 15 | L., | <u> </u> | <u> </u> | | <u> </u> | | | _ | | 1 |
| | 10 11 12 13 14 15 16 17 18 19 20 | V | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | 1 |
| | 17 | Ш | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | 1 |
| | 18 | Н | | ┞ | _ | | | | | | ļ |
| | 19 | Ш | L | <u> </u> | _ | <u> </u> | | _ | | | I |
| | 20 | H | ┡ | <u> </u> | _ | ldash | _ | <u> </u> | ļ | | ١ |
| | 21 | ĻĻ | ┡ | _ | <u> </u> | <u> </u> | _ | <u> </u> | | _ | ł |
| | 22 | | ├ | | _ | <u> </u> | | _ | <u> </u> | | ł |
| | 22 23 24 25 26 27 28 29 | Ξ | ├_ | ├ | <u> </u> | <u> </u> | _ | <u> </u> | _ | | ł |
| - | 24 | = | ⊢ | ├- | _ | L | ļ | | | | 1 |
| | 25 | - | ┝ | ├ | - | _ | | | | - | ł |
| | 20 | | ├ | ⊢ | ⊢ | | _ | - | ⊢ | - | 1 |
| | 20 | F | ┢ | ├ | \vdash | ⊢ | - | - | _ | - | ł |
| | 20 | Н | ┢ | ┢ | ⊢ | | <u>-</u> | - | \vdash | | ł |
| | 20 | Н | \vdash | ├ | | | | - | ┢ | - | l |
| | 30 31 | H | ╁ | ┢ | - | - | | | - | | ł |
| | 32 | H | 1- | \vdash | \vdash | \vdash | - | \vdash | \vdash | | l |
| | 33 | 날 | | 1 | | \vdash | | \vdash | \vdash | | 1 |
| | 34 | 9 | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | _ | ١ |
| | 33 34 35 | 7 | į, | | | | | \vdash | | | 1 |
| | 36 | 1 | ĺ | | \vdash | | | | Г | <u> </u> | 1 |
| | 37 | , | t | | | | | T | Г | | 1 |
| | 38 | T | | Π | | | <u> </u> | Г | | | ١ |
| | 38 39 | П | Γ | Π | Г | Г | | Г | | | ١ |
| | 40 | \prod | L | | | | | | | | ١ |
| | 41 | \prod | | | | | | | | | ١ |
| | 42 | \Box | | | | | | | | |] |
| | 43 | Ш | $oxedsymbol{oxed}$ | oxdot | | \Box | | | | | l |
| | 44 | \coprod | / | | | | | | | L | l |
| | 45 | 1 | _ | | | | | | \Box | | ı |
| | 46 | V | _ | | _ | Ш | _ | <u> </u> | _ | <u> </u> | |
| | 47 | Li. | L | oxdot | <u> </u> | Ш | | <u> </u> | | $ldsymbol{ld}}}}}}$ | l |
| | 48 | \coprod | L | <u> </u> | L_ | Ш | _ | L | <u> </u> | _ | l |
| | 49 | Ц. | <u>/</u> | <u> </u> | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | <u> </u> | <u> </u> | l |
| | 50 | M | 1 | l | 1 | | | 1 | | ı | ۱ |

| Cla | im | | | | | | Dat | e | | | |] · | Cla | aim | | | - | | Dat | <u>-</u> | | | |
|----------|----------|-------|--------|---|----------|-----------|--------|----------------|--|--|--|-------------|-----------|----------|--|----------|----------|----------|--|----------|--|--------------|--------------|
| | Original | 7/1/0 | -1 > W | 7 | | | | | | | | | Final | Original | 3/2/0 | • | | | | | | | |
| ╡ | 1 | | _ | | H | 1- | + | +- | | | | | | 51 | V | | \vdash | | ├ | ╁ | | - | |
| | | Г | | | | | T | | | | | 1 | | 52 | 1 | | | | Г | T | | | |
| | 3 | | | | Г | 1 | T | | | Г | | 1 | | 53 | \top | ; | | | T | T | | | |
| | 4 | | | | | 1 | t | 1 | 1 | Т | <u> </u> | 1 | | 54 | V | · | _ | | \vdash | | | | _ |
| T | 5 | | ┪ | | | 1 | T | 1 | T | | | 1 | | 55 | Ť | | | - | \vdash | ┢ | _ | <u> </u> | ┢ |
| | 6 | | | - | 1 | +- | t | | t | H | | 1 | | 56 | H | | H | \vdash | \vdash | ┢ | ┢ | - | \vdash |
| 7 | 7 | | | | 1 | T | t | \vdash | H | Ħ | - | ١. | <u> </u> | 57 | 一 | | _ | ┢ | - | - | | | _ |
| | 8 | Т | | | ┢ | + | ╁ | 1 | | H | 1 | 1 | | 58 | | _ | _ | | \vdash | ╁ | \vdash | ┢ | - |
| | 9 | Г | _ | _ | ┢ | 1 | T | ┢ | H | T | | | | 59 | | \vdash | - | \vdash | H | \vdash | | - | - |
| | 10 | - | 7 | _ | ┢ | + | T | - | ļ | \vdash | _ | | | 60 | | _ | _ | ┢ | H | 1 | | - | \vdash |
| | 11 | | _ | | \vdash | ✝ | ╁ | | | | - | | - | 61 | \vdash | | H | \vdash | ╁ | ┢ | | | \vdash |
| | 12 | J | 7 | | ╁ | +- | ╁ | T | \vdash | - | | ď, | | 62 | H | | | ┢ | ╁ | ├─ | | | \vdash |
| | 13 | ₹ | 7 | | \vdash | + | + | +- | | Η- | | 1 | | 63 | Н | - | - | \vdash | \vdash | \vdash | | | - |
| | 14 | H | 1 | _ | 1 | + | + | \vdash | \vdash | \vdash | \vdash | , . | | 64 | | _ | - | - | \vdash | \vdash | \vdash | | \vdash |
| | 15 | H | ٦ | _ | \vdash | + | + | \vdash | \vdash | \vdash | \vdash | | | 65 | | | <u> </u> | \vdash | t | H | | \vdash | |
| | 16 | t | 7 | _ | ┢ | \vdash | + | +- | | \vdash | | | | 66 | \vdash | _ | | \vdash | ╁ | +- | - | | |
| _ | 17 | Ĭ | | _ | ┢ | ┼ | + | \vdash | \vdash | \vdash | - | | <u> </u> | 67 | ┢╌ | _ | _ | - | ╁┈ | ┢ | | | - |
| _ | 18 | Н | 7 | | ╁ | ╁ | + | \vdash | ╁ | \vdash | | | H | 68 | \vdash | | _ | ┝ | ╁ | ╁ | 1 | - | |
| - | 19 | H | | | ╁ | ╁ | +- | +- | ┢ | | | 1 | ├── | 69 | \vdash | _ | _ | \vdash | ╁─ | ┢ | ╁ | - | |
| | 20 | Н | ٦ | | ┢ | + | + | + | | | | | — | 70 | \vdash | | | | ┢┈ | \vdash | ┰ | _ | \vdash |
| | 21 | Н | Н | _ | ╁ | + | + | ╁ | 一 | | · | | | 71 | H | _ | | - | ├ | ┢ | | | _ |
| _ | 22 | K | 7 | | ╁ | \vdash | + | †- | ┢ | ╁ | - | 4 11 2 8 | | 72 | H | _ | _ | H | ╁╌ | \vdash | ╁ | | _ |
| _ | 23 | Ě | - | | ╁ | +- | + | T | ┢ | ┢ | | . " | | 73 | ┝ | | _ | \vdash | \vdash | ┢ | ┢╾ | | |
| \neg | 24 | | - | _ | ╁ | + | + | \vdash | ┢╌ | \vdash | | | - | 74 | ⊢ | | \vdash | H | \vdash | ├ | - | - | |
| | 25 | F | ٦ | | ╁╌ | + | + | ┼┈ | ├ | - | \vdash | | _ | 75 | - | _ | | | ├ | ╁ | | - | |
| _ | 26 | H | _ | | ├ | ╈ | + | + | ┢ | | \vdash | 4 | | 76 | - | | | - | ╁ | ╁ | \vdash | - | _ |
| - | 27 | - | , | _ | ┢ | ╁ | ╁ | ╁ | ╁ | ┢ | - | | | 77 | \vdash | | _ | | ╁ | ╁┈ | - | - | |
| \neg | 28 | 1 | ٦ | | ┼ | + | + | ╁┈ | ┢╌ | _ | | 1 | | 78 | - | _ | | \vdash | ┢┈ | ╁ | - | \vdash | |
| \neg | 29 | Н | 7 | | ╁ | ╁ | ╁ | + | ╁ | \vdash | | | | 79 | \vdash | - | _ | _ | ╁ | ┢ | | | - |
| _ | 30 | H | 7 | | ┢ | + | ╅ | \vdash | <u> </u> | ┢ | | 1 | <u> </u> | 80 | \vdash | _ | | _ | ┢ | <u> </u> | ╁ | - | - |
| | 31 | H | _ | | ┢ | ╁ | t | +- | t | t | | 1 | | 81 | H | | — | _ | ╁ | ╁ | \vdash | <u> </u> | - |
| - | 32 | H | 7 | - | | + | + | +- | \vdash | \vdash | | - | | 82 | \vdash | | | | | ┢ | - | _ | _ |
| | 33 | Ė | _ | | 1 | +- | T | t | t | ┪ | _ | | | 83 | \vdash | | _ | | H | ┢ | - | _ | |
| | 34 | ŝ | | _ | \vdash | \dagger | T | T | \vdash | | _ | | | 84 | \vdash | _ | <u> </u> | \vdash | \vdash | \vdash | 1 | | \vdash |
| - | 35 | , | 1 | _ | | ✝ | ╈ | \vdash | T | \vdash | | | | 85 | \vdash | _ | | \vdash | ╁ | \vdash | \vdash | - | _ |
| | 36 | 1 | J | _ | T | 1 | \top | + | | \vdash | _ | · . | | 86 | ┢ | _ | | _ | H | H | ┢ | _ | - |
| | 37 | 1 | 7 | | H | T | †- | 1 | t | H | | | | 87 | \vdash | | — | _ | \vdash | t | \vdash | <u> </u> | - |
| | 38 | H | | | ऻ | T | \top | T | Ι- | Г | | | | 88 | H | _ | | | t | ┢ | 1 | _ | _ |
| | 39 | H | 7 | | T | T | T | 十一 | ⇈ | | | i | | 89 | _ | | | | ┼ | 一 | \vdash | - | _ |
| | 40 | Н | 7 | | | T | 十 | \vdash | \vdash | \vdash | | 1 | | 90 | | _ | | _ | 一 | ╁ | | | |
| | 41 | H | | _ | İ | t | + | 1 | \vdash | _ | Ė | | | 91 | \vdash | _ | _ | _ | ┢ | \vdash | _ | _ | _ |
| \neg | 42 | Н | П | | | 1 | T | 1- | \vdash | \vdash | | - | | 92 | \vdash | | | | | ╁ | \vdash | | \vdash |
| 7 | 43 | Н | Н | | t | † | †- | T | | | \vdash | | | 93 | | | | | - | T | ┢╌ | - | |
| \dashv | 44 | Н | 1 | Π | | 1 | T | t | t – | Т | \vdash | r de | | 94 | \vdash | _ | | _ | | \vdash | \vdash | · | |
| + | 45 | 卜 | 4 | - | | † | $^{+}$ | T | | T | | | _ | 95 | \vdash | | Н | _ | 1 | | \vdash | | |
| ┪ | 46 | ۲ | 7 | | | 1 | †- | \vdash | Т | \vdash | | | | 96 | Н | - | Н | - | | t^- | \vdash | H | <u> </u> |
| \dashv | 47 | ۲ | 4 | _ | T | | T | 1 | 1 | T | | | - | 97 | Н | | \vdash | \vdash | T | \vdash | | | |
| | 48 | H | 1 | | Т | 1 | T | 1 | | T | Н | | | 98 | Н | _ | \vdash | \vdash | t | Н | \vdash | \vdash | _ |
| 7 | 49 | Ιt | 1 | / | Г | \vdash | T | т | Г | T | | 1 | | 99 | Н | _ | | _ | <u> </u> | t | \vdash | | - |
| 7 | 50 | 4 | 7 | | Т | T | T | Т | Т | 1 | | | | 100 | Н | | | _ | | 1 | \vdash | - | |
| _ | | | _ | _ | Ь | _ | 1 | <u> </u> | Ь | L | Ц. | j l | | .55 | | | Ц. | | | Ь. | Ц | | |

| Cla | aim | | | | (| Date | <u> </u> | | _ | \neg |
|----------|---|--|----------|----------|--------------|----------|--|------------|--|-----------------|
| | ł | | | | | | | | | П |
| <u>a</u> | Original | | | | | | | | | |
| Final | ğ | | | | ŀ | | | | | |
| _ | 0 | | ĺ | ĺ | | | | l | | i |
| | 101 | \vdash | | - | - | _ | | \vdash | - | \vdash |
| | 101 102 103 | \vdash | - | | \vdash | - | _ | - | ⊢ | |
| | 102 | ┝ | _ | \vdash | \vdash | - | - | \vdash | ⊢ | |
| | 103 | - | _ | <u> </u> | \vdash | - | | ⊢ | ├ | - |
| | 104 | \vdash | _ | <u> </u> | | - | - | ├ | ⊢ | - |
| - | 104 105 106 | \vdash | | <u> </u> | _ | \vdash | _ | - | ┡ | Ш |
| | 106 | _ | | | | <u> </u> | | <u> </u> _ | <u> </u> | Н |
| | 107 108 109 110 | L- | _ | ļ | _ | <u> </u> | <u> </u> | | | Ш |
| | 108 | | | _ | L. | | | | | Щ |
| | 109 | | | L. | L | | | _ | _ | |
| | 110 | | Ŀ | | | | | _ | L | |
| | 111 | | | | | | | | | |
| | 112 | | | L | L^{-} | | | | | |
| | 112 113 114 | | | | | | | | | |
| | 114 | | | | | | | | | П |
| | 115 | | | | | | | | | |
| | 116 | Т | Г | Г | | | | Г | \vdash | Н |
| | 115 116 117 | \vdash | | _ | \vdash | | | | | H |
| | 118 | \vdash | \vdash | - | \vdash | | | \vdash | ┢ | H |
| | 118 119 | | - | - | \vdash | - | | \vdash | \vdash | Н |
| | 120 | | | | ┢ | | ⊢ | ┝ | - | \vdash |
| _ | 120 121 122 123 124 125 | | _ | <u> </u> | \vdash | _ | - | _ | \vdash | Н |
| | 121 | _ | _ | <u> </u> | \vdash | ļ | <u> </u> | <u> </u> | <u> </u> | Н |
| | 122 | _ | _ | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | Ш |
| | 123 | | | | _ | ļ | _ | <u> </u> | <u> </u> | Ш |
| | 124 | | | <u> </u> | _ | L. | _ | _ | _ | |
| | 125 | _ | _ | | | | _ | _ | <u> </u> | |
| | 126 | | | | | | | L | | |
| | 127 | | | | | | Ŀ | | L | |
| | 126 127 128 129 130 131 132 | | | | L | | | | | |
| | 129 | | | | | | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | | Г | | | | | |
| | 132 | | | | | | Г | | | |
| | 133 | | | | T | | \vdash | | | |
| | 134 | \vdash | \vdash | \vdash | | <u> </u> | \vdash | \vdash | \vdash | Н |
| | 134 135 | Н | | \vdash | \vdash | \vdash | | \vdash | \vdash | Н |
| | l 136 | \vdash | \vdash | \vdash | \vdash | | | \vdash | \vdash | Н |
| | 137 | \vdash | \vdash | H-: | | - | \vdash | ┢ | | Н |
| | 137 138 139 | \vdash | | H | | | | \vdash | - | Н |
| <u> </u> | 120 | \vdash | | \vdash | \vdash | - | - | \vdash | \vdash | Н |
| | 139 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | Н |
| | 140 | <u> </u> | <u> </u> | ├— | <u> </u> | | - | | ├— | $\vdash \vdash$ |
| L | 141 | <u> </u> | <u> </u> | ├ | \vdash | _ | — | <u> </u> | ├— | Ы |
| | 142 | igspace | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 143 | <u> </u> | _ | _ | <u> </u> | <u> </u> | | | _ | Ш |
| | 144 | _ | | | _ | | | | <u>_</u> | Ш |
| | 145 | ــــــــــــــــــــــــــــــــــــــ | | L | | _ | oxdot | | | |
| | 146 | | | | L | L | L | L | L | |
| | 147 | | | | L | L | | | | |
| | 148 | | | | | | | | | П |
| | 149 | | | | | Г | | Г | | |
| | 150 | | | - | _ | | | Т | | \vdash |
| | .00 | | | | Ц. | Щ. | _ | Ц. | | |